

**SECRET**NPIC/TSG/ESD-068/70  
9 October 1970

## MEMORANDUM FOR THE RECORD

SUBJECT: Technical Coordination Meeting, IEG/ESD, 1 October 1970

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2. The purpose of the meeting was to review the need to replace the existing [ ] electronic equipment (used for on-line mensuration purposes) with new electronic equipment as proposed or planned by IEG in FY-72. Reliability of the [ ] equipment was cited as the most important factor related to the proposed replacement.

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3. A thorough discussion of [ ] reliability occurred, based upon information provided by the ESD/EPB representative. This discussion resulted in an agreement that the [ ] equipment is sufficiently reliable and maintainable to remain in operational use for an extended period of time. Obsolescence was estimated to be five years hence. In order to provide a "hedge" against unforeseen circumstances IEG will budget for replacement of one 2 axis and one 4 axis [ ] unit (seven are in use) in FY-73 with replacement of the others spreading over the FY-74 thru 76 time frame. This is in lieu of the present plan to replace 5 units in FY-72. The situation will be reviewed periodically (ESD & IEG/TCB) during ensuing budgetary exercises to reconsider the need to replace the [ ] as stated above.

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4. During this meeting a short discussion of the Digitized Measuring Light Table also occurred. In order to assist IEG in their decision regarding the need for an operational suitability evaluation of this device, a copy of ESD test and evaluation findings to date was requested. It was agreed that ESD would provide same.

5. In a discussion concerning comparators now under development, IEG requested that the 10 x 10 Comparator estimated for delivery in July 1971 be subjected to test and evaluation (by ESD) in a room which IEG will reserve for test and evaluation purposes and subsequent operational use. This was agreed to with the full understanding that T&E, de-bugging, etc., may require a substantial amount of time. It was also

DDR-DUPE

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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suggested that we further explore the possibility of an operational suitability evaluation of the 6 x 6 Comparator, now in final phases of T&E, in one of the operational divisions of IEG.

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Engineering Support Division, TSG, NPIC

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